The service cheerfully rendered by the pupils on the farm, in the shops and in work of all kinds throughout the institution, has been most helpful.

The sympathetic aid and cooperation of the Children's Bureau have been of inestimable assistance and are sincerely appreciated.

I particularly desire to express my appreciation for the cooperation of Mildred Thomson, supervisor of the feeble-minded, whose thorough understanding of our manifold problems has been of inestimable value to me, to the institution and to the state.

To you, the honored members of the State Board of Control, I tender my thanks for your wise counsel and support.

Respectfully submitted,

J. M. Murdock,

Superintendent.

36-50P-DEM State Inst-Cambride- Sup. Report

Colony for Epileptics, Cambridge

The legislature in 1919 authorized the State Board of Control to select from the public lands of the state sites for a colony for feeble-minded and a colony for epileptics. In 1923 the law was amended to permit the purchase of a site for a colony for epileptics. Land was secured at Cambridge and the institution opened in 1925. It is the newest state institution.

The buildings comprise an administrative center group, consisting of the front main center building for administrative offices and quarters for officers and employes, a rear center building, including dining rooms for patients and employes, kitchen, bakery and quarters for employes, and ward buildings at either side of the front main center for sleeping quarters, day rooms, and so forth, for inmates; eight cottages for patients; central power plant; garage; root cellar; hog house; and cottages for the head farmer and the steward. The first unit of a dairy barn has been completed. Two additional cottages for inmates are now in the process of construction.

D. E. McBroom, M. D Superintendent R. W. Brown, M. D Senior Physician C. M. Ness, MaD Assistant Physician G. D. Eitel, M. D Consulting Surgeon C. N. Spratt, M. D Consulting Oculist and Aurist V. J. Leisen, D. D. S Dentist R. F. Gregory Steward
Capacity of institution 878
Number of patients June 30, 1936 873
Area of grounds, acres 341
Leased, acres 20
Acreage under cultivation 136
Value of lands and buildings \$1,290,112.00
Value of personal property\$ 178,852.00
Expenditures for the year ended June 30, 1936:
Current expense \$ 201,947.27
Repairs and replacements \$ 3,743.73
Permanent improvements \$ 61,898.84
Gross per capita cost, current expense \$ 237.03
Net per capita cost, current expense \$ 189.25 Number of officers and employes \$ 122

To the State Board of Control:

I have the honor to submit the biennial report of the Minnesota Colony for Epileptics covering the period ended June 30, 1936.

POPULATION

During the biennial period there were 125 admissions, including all transfers, 62 males and 63 females. Our daily average population for the year ended June 30, 1935 was 874; and for the year ended June 30, 1936 was 876. The total number cared for was 986.

At the close of the period there were 836 actually present and 37 temporarily absent on vacations and paroles, making our total population 873.

The number of applications for admission, particularly for the middleand lower-grade classes of patients, is steadily increasing.

MEDICAL SERVICE

We are very glad to be able to report that we have been more or less successful in raising the standard of our medical service during this period. On July 1, 1935 another physician was added to our staff, which has enabled us to devote much more time to each and every patient, thus increasing the efficiency of the medical service.

Upon admission all new patients are given a complete physical and neurological examination; also the usual laboratory tests, including urinalysis, blood counts, throat cultures, smears, Widal, Mantoux and Wassermann (both blood and spinal fluid), and, wherever indicated, these tests are repeated at regular intervals. Many of our new admissions are given x-ray examinations.

The bulk of the work during this period has been the re-examination of the resident-patient population and the bringing of all our records up to date.

During this period the entire population has been subjected to nose and throat cultures and all have been revaccinated against smallpox.

In the fall of 1934 we made a complete survey of the entire population for tuberculosis. All patients and employes were given the Mantoux test, and all reactors were x-rayed, which has given us a very definite check on all tuberculous patients.

The routine treatment of all venereal infections has met with gratifying and encouraging results.

George D. Eitel, M. D., consulting surgeon, has been most cooperative in every way. He has performed one appendectomy, two herniotomies, one osteotomy, excision of one tumor, incision of peritonsillar abscess, and ten tonsillectomies, with excellent results in every case.

C. N. Spratt, M. D., consulting oculist and aurist, has called at regular intervals. He has successfully operated two nasal cases and refracted 101 patients.

The general health of both the patients and the employes has been good. There have been 1,225 entrants to the hospital department for care. This has included 127 cases of measles, 34 of scarlet fever, 7 of erysipelas and 5 of chickenpox.

It is only within the last year that we have attempted to do any major surgery in the institution, but this is progressing exceedingly well. There is always, of course, a vast amount of minor surgery to be handled.

There have been 29 deaths, 9 males and 20 females. The causes of death are as follows: Pneumonia 4, congenital syphilis 1, aortic insufficiency 1, carcinoma 1, pulmonary tuberculosis 4, epilepsy (all forms) 18. While this is not a sufficient number of cases from which to draw any conclusions, it does point out the danger to life of epilepsy. This is evident when it is noted that in these 18 deaths from epilepsy only two were past the age of fifty years.

Theodora Wheeler, M. D., of Chicago, has continued her work on the seizure records. This has proved of considerable interest and to be a big improvement on anything heretofore used.

Doctor Hirschfelder, assisted by Doctor Haury, both of the University of Minnesota, conducted a very valuable piece of research from September 1934 to September 1935 along the line of blood chemistry in epilepsy. The results of this work have not yet been published.

The valuable assistance rendered and the untiring efforts of the Department of Dietetics have helped us greatly in improving our general menus and special diets.

DENTAL SERVICE

Our entire dental department was reorganized on January 1, 1935 and entirely new equipment installed. This included a chair, dental cabinet, dental unit, with engine and all accessories, sterilizer, and a complete line of instruments, together with all laboratory furnishings.

Our dentist now puts in two full days each week at the institution. During this period he has made two complete surveys of the entire institution, checking all work that needed to be done in addition to the usual run of treatments, cleanings, examination, and so on.

We are now in a position which makes it possible for us to do considerable of our minor laboratory work. It is the aim of the institution to furnish all patients with examinations, treatments, cleanings, extractions, amalgam, porcelain and cement fillings, x-ray and prophylactic work, where

needed. In the cases where crowns, bridges, inlays, gold fillings and plate work are required, the patients' relatives are called upon to bear such expense. We hope to be able to continue making a complete survey of each patient's mouth at least once a year.

Since the remodeling of the dental room and the installation of new equipment, the summary of the work completed is as follows: Examinations, 1,501; extractions, 822; prophylaxes, 541; amalgam fillings, 754; porcelain fillings, 29; cement fillings, 107; bridges, 3; new dentures, 14; denture repair, 33; Vincent's angina, 3; radiographs, 46; fractures, 1.

EDUCATIONAL DEPARTMENT

Our school department has had a very successful period. At the beginning of the biennial we dropped from the school work many patients who had absorbed all they could assimilate and were somewhat of a drag in the work. This reduced our enrollment somewhat and gave the teachers an opportunity to devote more time to the improvable cases. We had a total of 358 patients enrolled in the school department, 144 in the literary division, 286 in the occupational division. We hope to increase the number of our schoolrooms as soon as our warehouse is completed, which will vacate two rooms now in use for storage purposes. It has been our endeavor to place all improvable patients under the age of eighteen years in the literary division of the school department for full or part time; all patients of sufficient mentality, regardless of age, in the industrial, occupational and music divisions.

Our staff now consists of a principal, one music teacher, one manual training teacher, three literary teachers and two occupational therapy teachers.

The literary work is ungraded, but we endeavor to carry on the regular public school work as far as the patient is able to accept it.

We have 58 patients interested in instrumental music and 24 in vocal music. We maintain two fine orchestras of about 22 pieces each in addition to a 25-piece brass band.

In our industrial division we teach manual training, woodwork, sloyd, wood-finishing and painting, loom work, weaving, hooked rugs, lace-making, knitting, basketry, drawing, plain sewing, embroidery, cut-work, and fancywork of all kinds. In addition to these activities, which are carried on in the school department proper, we have shoe-repairing, farming, gardening, dairying, painting, carpenter work and general maintenance work. The women are trained in tailoring, mending, plain sewing, laundry work, cooking, baking, dishwashing, dining-room work and general housework.

This training is not only of great value to the institution, but serves as occupation and employment for the patients, as well as having a definite therapeutic value. The patients become very much interested in their work and derive much benefit from it.

The school department observes appropriately all special holidays; such as, Fourth of July, Halloween, Washington's Birthday, Lincoln's Birthday, Arbor Day, Thanksgiving, Christmas, Valentine's Day, Good Friday and Easter. In addition to these regular observances, they present operettas, orchestra rehearsals and band concerts, Christmas plays, and so forth, from time to time. We have always had an exhibit at the Minnesota State Fair, which shows the different activities conducted in the institution, at which time we are able to dispose of all handwork.

LIBRARY

Our library is operated in conjunction with our school department. We now have 1,288 volumes, and are well supplied with magazines and periodicals. The library is open daily throughout the year except Saturdays and Sundays. Patients are taken to the library in groups, accompanied by a teacher, who helps them make selection and at the same time directs their reading.

Our circulation for this period has been as follows, by volume: Fiction, 9,900; non-fiction, 10,288; magazines, 3,266; total, 23,454.

RECREATION AND AMUSEMENT

A definite and regulated program of entertainment for the patients is carried on throughout the year. This includes two dances each week during the school period. Birthday parties are given on the second and third Wednesdays of each month for all patients whose birthdays occur during that month. Moving pictures are exhibited every other Saturday during the fall, winter and spring months. In the summer we endeavor to hold picnics at stated intervals for all patients, and baseball and kittenball games are played almost daily in the summertime. Once each week we have a game with some outside team. Each and every ward in the institution is equipped with a radio, and every building has a piano. Our orchestras play at the outside buildings twice each week. All day-rooms are supplied with tables and suitable games, two of the men's cottages being equipped with pool tables. Shows and outside entertainments have been reduced to a minimum because of the lack of assembly-hall facilities. Suitable programs are presented to observe special holidays. Fourth of July is regularly observed by contests of all kinds throughout the day, with fireworks in the evening.

RELIGIOUS INSTRUCTION

Attendance at all religious functions is voluntary on the part of the patients, but fully ninety percent of our entire population is desirous of attending. Non-denominational services are conducted under the auspices of our Protestant chaplain, Reverend Gustavson, every Sunday throughout the year. As many patients as we are able to crowd into our limited quarters attend this service. Two other services are held simultaneously by our teaching staff. Denominational services are held whenever asked for. Reverend Birk, of Mora, the Catholic chaplain, has conducted services regularly throughout the year.

BUILDINGS AND IMPROVEMENTS

Curbing and sidewalks to all existing buildings and along the main entrance drive have been completed, and the grading and back-filling has progressed to such an extent that we are now able to have suitable lawns surrounding the existing cottages.

Six new catch basins were installed, ample to handle all surface water collected on the grounds, to accomplish which it was necessary to put in three lines of drain tile of considerable length.

A new sewer line for the piggery was constructed.

All fire hydrants, as well as all existing manholes, were raised or lowered to meet the permanent elevations.

In the winter of 1935 we had a WPA project, grading and clearing land.

A new drive shaft was installed in the deep-well pump.

Both the piggery and the dairy barn were reconditioned and repainted throughout.

The old chicken house was remodeled and reroofed and made into a suitable calf shed.

One of our big projects was completing a 50-foot shoulder along our entrance driveway.

Electric lights were installed in the old root cellar.

During the winter of 1936 we finished painting all existing tunnels on the inside. This was a WPA project.

The garage was dismantled and all materials salvaged, as its old location interfered with the new building.

On March 30, 1936 work was started on two new cottages for patients, which will house about 230 additional patients.

The Highway Department has completed the construction of a new highway, which eliminates two very dangerous railroad crossings. This highway cuts through the southeast corner of our grounds.

Our biggest piece of work was the remodeling of the service wing of the main building, to give us better accommodations for the increased services demanded. The staff dining room was moved to the south wing, which nearly doubled in capacity the employes' dining room. The post office was remodeled. Both serving rooms in the main building were completely remodeled and new plumbing installed throughout. The old bakery was dismantled and made a part of the kitchen, and a new bakery was established, in which were erected two very fine automatic electric bake ovens. A new electric dumb-waiter was installed in the employes' serving room, which has greatly added to the facilities for handling the service department.

We now have another WPA project under way, the installation of an irrigating system in our vegetable garden.

The necessary repairs and replacements have been kept up, and considerable painting has been done throughout the entire institution.

A vast amount of grading and back filling has been accomplished. This will continue throughout the coming period.

Due to lack of funds, landscaping, shrubbery, and so forth, have been somewhat neglected during this period.

All of the recommendations of the inspectors of the State Industrial Commission and from the State Fire Marshal's department have been complied with.

FARM, GARDEN AND DAIRY

Our farm and garden crops have suffered a severe slump during the past two years due to the drought, which was accompanied by extreme heat. The chief crop in this locality is potatoes, but owing to the weather conditions these ran very light and were of very poor quality. The hay crop was practically nil for both seasons. Garden products which matured early were very good, but those that came later on in the season were almost a complete failure, having been burned out. The raspberry patch yielded very well during both seasons.

We now have 95 acres in field crops, 40 acres in garden, a small orchard of about one acre, 35 acres of meadow land and 70 acres in pasture.

We lost several cows because of their being positive reactors to Bang's disease, and bought five additional milch cows. Our herd is gaining rapidly, and is now free from tuberculosis and Bang's disease. Two of our old teams were sold and replaced by younger animals. Our hogs have done very well. We keep only enough hogs to dispose of all edible garbage, and managed to sell at a high point of the market each year.

The dairy barn and piggery were reconditioned and repainted throughout. The old chicken house, remodeled and given a new roof, was converted into a calf barn.

Personnel

The continuous growth of this institution, with the steady increase in population, has necessarily led to several reclassifications of the patients and numerous shiftings of the employes. We endeavor at all times to promote our older, trained employes to the more responsible positions. During this period there has been very little turnover in our personnel, and we have been exceptionally fortunate in securing a faithful and efficient group of employes. We have had an exceedingly long waiting list of applicants from which to fill any vacancies that might exist.

The Director of Dietetics of the State Board of Control visited the institution at regular intervals. Her suggestions and methods were very gratifying to all concerned, and helped greatly to improve the service to the patients.

The Division of Research of the State Board of Control has made mental tests of all new patients.

The Children's Bureau has been especially cooperative, and through its efforts a new system of granting vacations has been established, which eliminates a great deal of correspondence along this line.

Conferences

On October 15, 1934 the Eastern Central Minnesota Medical Society held its annual meeting at this institution.

On November 24, 1934 the Minnesota Occupational Therapy Society held a very enthusiastic meeting at the institution.

On May 13, 1935 the institution entertained about eighty members of the Cambridge Commercial Club, who made a very thorough tour of inspection. Many of them had not before visited the institution and did not know how its activities were conducted.

On October 21, 1935 the Minnesota Medical Officers Association was organized and held its first meeting at this institution, W. A. O'Brien, M. D., of the University of Minnesota, being the principal speaker.

On November 16, 1935 special-class teachers of the city of St. Paul spent the day visiting the school department and various wards.

On November 24, 1935 the Eastern Central Minnesota Medical Society held its annual meeting at the institution.

NECROLOGY

During this period two of our very valuable employes passed away, both having resigned their positions several months before their deaths.

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Their passing was regretted by everyone who knew them.

C. A. Lindahl, the first night watch ever employed at the institution, died in February 1935. He had been active up to about two months prior to his death.

In April, 1935 Henry B. Hanson died of pneumonia, following a short illness.

NEEDS OF THE INSTITUTION

I wish to stress again the outstanding need of this institution for the completion of the warehouse and auditorium building.

The following appropriations are requested: Current Expense, \$520,000; Repairs and Replacements, \$9,000; Furniture and Equipment, \$1,000; Industrial, Library, School and Musical, \$4,000; Completion of Warehouse and Auditorium, \$85,000; Equipment for Warehouse and Auditorium, \$8,000; Shop Building, \$14,500; Electric Generator, \$21,500; Hospital, \$200,000; Furniture and Equipment for Hospital, \$20,000; Cottage for Inmates, \$100,000; Equipment for Cottage for Inmates, \$10,000; Equipment for Cottage No. 9 (just erected on PWA grant), \$8,000; Kitchen and Bakery Equipment, \$3,245; Calking and Weatherstripping Existing Buildings, \$3,500; Additional Land, \$2,000; Lumber and Rough Storage Shed, \$1,000; Road Building and Surfacing, \$8,000; Permanent Improvement of Grounds, \$4,000; Additional Ground Lighting, \$1,800; Steward's Cottage Repairs, \$1,000; Pasteurizing Plant, \$2,800; Garage, \$2,200; Farm Equipment and Supplies, \$2,000; Sewage Disposal Plant, \$35,000.

Conclusion

I wish to acknowledge and to thank all employes for their faithful and intelligent efforts in carrying on the work of the institution. We also greatly appreciate the services so faithfully rendered by the patients in and about the institution, especially the outside work, which has added greatly to the beautification of our grounds. The cooperation and assistance of the Children's Bureau and the Research Division are greatly appreciated. To each and every member of your honorable Board I respectfully wish to express my deep appreciation for your continued encouragement, support and counsel, given in all things pertaining to the management of this institution.

Respectfully submitted,

D. E. McBroom,

Superintendent.

Institutions for Feeble-Minded and Epileptics

Classification	June 30, 1936 Male Female Total			June 30, 1935 Male Female Total			
POPULATION							
Classification at beginning of year (in- cluding paroles and escapes):							
Mentally defective but not epileptic	1,212	1.212	2,424	1,234	1,213	2,447	
Epileptic but not mentally defective	37	41	78	89	46	638	
Both mentally defective and epileptic Neither mentally defective nor epi-	826	885	661	815	323	000	
leptic	1	3	4	1	_	1	
Total	1,576	1,591	3,167	1,589	1,582	8,171	
On books at beginning of year:							
In institution	1,487	1,518	3,005	1,506	1,521	3,027	
Paroles and escapes	89	73	162	88	61	144	
Admitted: First admissions	137	162	299	117	185	302	
Readmissions	28	18	41	19	23	42	
Received by transfer		2	2		7	7	
Total under care	1,736	1,778	3,509	1,725	1,797	8,522	
Discharged: Mental defectives—							
Under age of self-support (18	_		~			•	
Capable of self-support	5 46	2 95	7 141	20 51	10 129	30 180	
Capable of partial self-support	5	10	15	14	10	24	
Incapable of productive work Epileptics—	1	3	4	6	. 8	1.5	
As improved	-	_		4	. 2	e	
As unimproved Veither mentally defective nor epileptic	14	17 4	31 5	_4	5	9	
Cransferred to other institutions	2	20	22	4	9	13	
Died:							
In institution On books at end of year:	52	47	99	46	82	78	
In institution	1,520	1,518	3,038	1,487	1,548	3,005	
Paroles and escapes	90	57	147	89	78	162	
Average population:							
In institution	1,548	1,543	3,091	1,534	1,545	8,079	
Paroles and escapes	60	39	99	55	46	101	
Classification at end of year (includ-						W 15	
ing paroles and escapes: Mentally defective but not epileptic	1,237	1,201	2,438	1,212	1,212	2,424	
Epileptic but not mentally defective Both mentally defective and epileptic	38 332	38 336	76 668	37 326	41 835	78 661	
Neither mentally defective nor epi-		200		820	555	901	
leptic	8	_	8	1	8	4	
Total	1,610	1.575	8,185	1,576	1.591	8,167	
	-,010	2,010		-,0.0	1,001	0,101	

Institutions for Feeble-Minded and Epileptics-Continued

Classification	June 30, 1936			June 30, 1935		
	Male	Female	Total	Male	Female	Tota
MENTAL DIAGNOSIS OF FIRST ADMISSIONS						
Mental defectives:				_		
Idiot	17	13	30	. 8	6	1
Imbecile	27 67	15 104	42 171	22 47	$\frac{21}{122}$	16
Epileptics :	• • • • • • • • • • • • • • • • • • • •	104	111	*1	122	10
Idiopathic	4	1	5	4	2	
Symptomatic	1	ĩ	ž	2	ī	
Both mentally defective and epileptic:						
Idiopathic idiot	4	4	8	5	5	
Idiopathic imbecile	4	. 4	8	7	4	
Idiopathic moronSymptomatic idiot	7	14	21	10 2	10	:
Symptomatic imbecile			3	3	2 2	
Symptomatic moron	i	3	. 4	5	4	
Unclassified				_	3	
Neither mentally defective nor epi-						
leptic	4	1	5	2	. 3	
Total first admissions	137	162	299	117	185	3
MENTAL DIAGNOSIS OF READMISSIONS						N.
Mental defectives:						
Idiot	3	1	4	1		
Imbecile	. 5	. 3	. 8	. 2	. 8	-
Moron	11	14	25	11	15	:
Epileptics: Idiopathic	1		1	·		
3oth mentally defective and epileptic: Idiopathic idiot	-		•			_
Idiopathic idiot	1		1	1	_	
Idiopathic imbecile				. 1	2	
Idiopathic moron	2		2	2	3	
Symptomatic moron		_	_	1		
Total readmissions	23	18	41	19	23	
AGE OF FIRST ADMISSIONS						
Inder 5 years	6	1	7	4	6	
5 to 9 years	20	16	36	18	8	
O to 14 years	27	17	44	22	22	
15 to 19 years	28 18	47 28	75 46	22 16	46 40	
25 to 29 years	7	28 15	22	15	18	
10 to 34 years	8	19	27	5	27	
35 to 39 years	7	5	12	. 3	8	
10 to 44 years	7	6	13	5	6	
15 to 49 years	2	3	5	3	3	
50 to 54 years	2	2	4	4	_	
55 to 59 years	1	2	3	_	1	
50 years and over	4	1	5	_	_	
Total first admissions	137	162	0.00	117	105	_
Total Rist adillasions	101	102	299		185	3
MARITAL CONDITION OF FIRST ADMISSIONS						
Bingle	118	128	246	104	131	2
Married	17	27	44	11	37	
Widowed		1	1	—	6	
Separated	2	4	6		6	
	_	2	2	2	5	
Divorced Total first admissions						

Institutions for Feeble-Minded and Epileptics-Continued

Classification	Year Ended June 30, 1936 Male Female Total			June 80, 1935 Male Female Total				
NATIVITY OF FIRST ADMISSIONS								
United States	137	158	295	115	177	292		
BohemiaCanada (includes Newfoundland)	_	_1	_1		2	2		
Czechoslovakia	· —		_		1	1		
Denmark		_		_	1	1		
GermanyHungary	_	2	2 1	=	_			
Norway		_		1	_	1		
weden					į	1		
SwitzerlandUnascertained	=	_	_	1	1 2	1 3		
Total first admissions	137	162	299	117	185	302		
PARENTAGE OF FIRST ADMISSIO	NS							
Native parentage	79	86	165	68	95	163		
Mixed parentage	19	22	41	19	26	45		
Foreign parentageParentage unknown	$^{16}_{23}$	82 22	48 45	. 18 12	35 29	53 41		
•								
Total first admissions	137	162	299	117	185	302		
DEATHS Mental defectives:			٠					
IdiotImbecile	22 19	22 8	44 27	16 18	6 10	22 28		
Moron	6	5	ĩi	4	4	8		
Epileptics:	·				_			
IdiopathicSymptomatic	_	_		_	9 1	3 1		
Both mentally defective and epileptic:					*	•		
Idiopathic idiot	1	3	4	2	1	8		
Idiopathic imbecile	1 2	7 2	8 4	3	3 8	6		
Symptomatic moron				1		1		
Unclassified	_	_	_		1	1		
Neither mentally defective nor epilep-	1		1	2		. 2		
ис								
Total	52	47	. 99	46	82	78		
AGE AT DEATH								
Under 5 years	1	1	2	3	2	5		
5 to 9 years	2	î	3	_				
10 to 14 years	7	10	17	6	. 2	8		
15 to 19 years 20 to 24 years	14 4	9 4	23 8	8 3	3 3	11 6		
25 to 29 years	ã.		ğ	7	1	8		
30 to 34 years	4	5 2 5	6	2 5	5	7		
35 to 39 years	1	5 3	. 6	5 1	4 2	9		
45 to 49 years	1	1	2	6	4	10		
50 to 54 years	2	3	5	_		_		
55 to 59 years60 years and over	4 5	1 2	5 7	2 3	1 5	8		
								
Total	52	47	99	46	32	78		

Institutions for Feeble-Minded and Epileptics-Concluded

Classification	June 80, 1936			June 30, 1935		
	Male		Total	Male	Female	Total
CAUSE OF DEATH						
Tuberculosis of the lungs	14	4	18	11	5	1
Cancer and other malignant tumors	3	1	4	1	2	
Diabetes	_	1	1			_
erebral hemorrhage and softening		2	. 2	4	1 2	
Spilepsy	4	9	13	ь	7	1
Other diseases of the nervous system Organic diseases of the heart	11		13		1	
Diseases of the arteries	11	í	13,		_*	_
neumonia	11	17	28	6	5	1
Diarrhea and enteritis		- i	i	ž	ž	
Vephritis and Bright's disease			_	1		
enility	1		1		2	
Violence other than suicide	2	1	3	1		
All other causes	6	*8	14	7	3	1
Total	52	47	99	46	32	